

Converting Colors

CIELCh(61, 54.857, 269.449)

Have a look what the booklet for
CIELCh(61, 54.857, 269.449)
contains.

CIELCh(61, 54.692, 269.409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 54.692, 269.409)

Conversions

Conversions Part 1

Format	Color
Hex	0099F4
RGB	0, 153, 244
RGB Percent	0%, 60%, 96%
CMY	1.0000, 0.4006, 0.0438
CMYK	1.00, 0.37, 0.00, 0.04
HSL	202°, 100%, 48%
HSV	202°, 100%, 96%
XYZ	27.6580, 29.2481, 89.6418
YIQ	117.6270, -120.3990, -4.1350

Conversions

Conversions Part 2

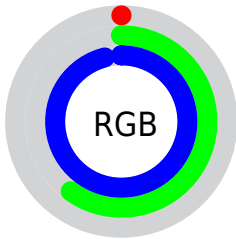
Format	Color
R _Y B	0, 94, 244
Decimal	39412
CIE _{Lab}	61.00, -0.56, -54.69
CIE _{LCh}	61, 54.692, 269.409
Yxy	29.2481, 0.1887, 0.1996
Android (android.graphics.Color)	4278229492 (0xFF0099F4)
YUV	117.6270, 62.3019, -103.1589
Hunter-Lab	54.0815, -3.3556, -60.4179

Details

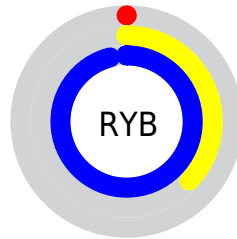
The CIELCh color **61, 54.692, 269.409** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **59, 88.330, 50.767**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 35.741, 244.401**, and **43, 51.637, 278.657** is the 20% darker color. If you saturate the color by 10%, you get **61, 54.683, 269.434**, and if you desaturate by 10%, it is **64, 50.500, 264.315**.

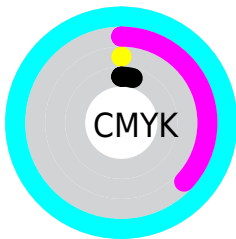
Distribution



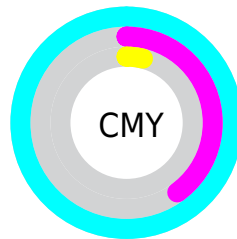
- Red (0%)
- Green (60%)
- Blue (96%)



- Red (0%)
- Yellow (37%)
- Blue (96%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (40%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 54.692, 269.409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 54.692, 269.409 by changing the saturation by 10% instead.

 61, 54.692,
269.409


 61, 54.692,
269.409


 100, 54.692,
269.409


 51, 54.692,
269.409


 81, 54.692,
269.409

 41, 54.692,
269.409

 91, 54.692,
269.409

 31, 54.692,
269.409

 21, 54.692,
269.409

 11, 54.692,
269.409

 1, 54.692, 269.409

 0, 54.692, 269.409

■ 61, 54.692,
269.409

■ 61, 54.692,
269.409

■ 61, 54.683,
269.434

■ 64, 50.500,
264.315

■ 67, 46.314,
259.544

■ 70, 41.899,
255.367

■ 73, 37.114,
251.829

■ 77, 31.892,
248.898

■ 80, 26.225,
246.502

■ 84, 20.145,
244.558

■ 88, 13.707,

242.989

■ 92, 6.973, 241.741

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 54.692, 269.409



59, 88.330, 50.767

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 54.692, 269.409



61, 54.692, 319.409



61, 54.692, 89.409



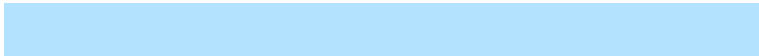
61, 54.692, 139.409

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 54.683, 269.434



88, 20.886, 244.571



85, 98.307, 142.982



45, 14.112, 245.344



0, 0.000, 0.000



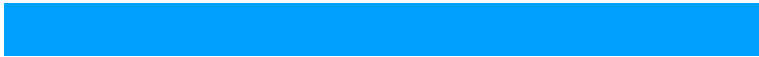
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 54.683, 269.434



64, 56.671, 269.568



33, 121.792, 304.605



49, 3.979, 241.687



47, 44.106, 268.495



13, 17.887, 260.456

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53, 85.284, 351.164



56, 88.187, 351.240



85, 85.412, 93.237



48, 6.738, 338.068



41, 69.864, 350.639



9, 31.921, 346.691

Previews

White Background



This preview shows how the CIE LCh color 61, 54.692, 269.409 looks on a white background.

Color Contrast Check

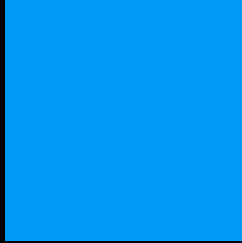
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 54.692, 269.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

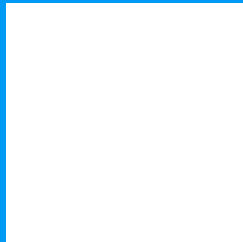
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 54.692, 269.409

Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.692, 269.409.

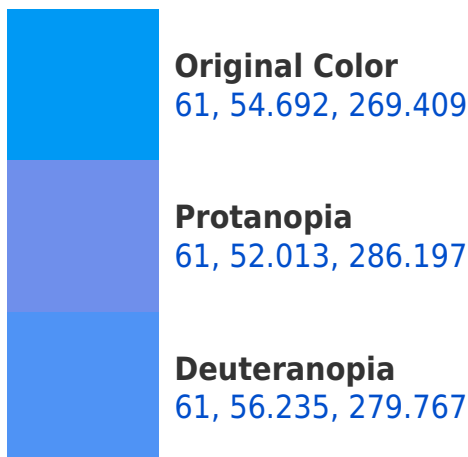


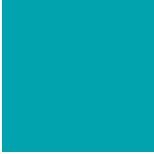
This preview shows how white text looks on a background with the CIELCh color 61, 54.692, 269.409.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
61, 34.690, 207.034

Trichromacy



Original Color
61, 54.692, 269.409

Protanomaly
60, 52.961, 276.444

Deuteranomaly
61, 56.177, 274.874

Tritanomaly
61, 36.490, 236.008

Monochromacy



Original Color
61, 54.692, 269.409

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 24.811, 249.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 54.692, 269.409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 153, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 153, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 54.692, 269.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 153, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 153, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 153, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 54.692, 269.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 153,  
244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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